

Why can't your satellite dish pickup your local TV station? See page 4

Volume 31, No. 10 October 1999

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Has your address changed?

Carolina Country magazine is available monthly to members of North Carolina's electric cooperatives. If you are a member of one of these cooperatives but do not receive Carolina Country, you may request a subscription by calling Member Services at the office of your cooperative. If your address has changed, please inform your cooperative.

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So many pretty North Carolina girls around. My son was the only boy in his day care, and as you can see he received lots of attention. All the little girls had to kiss him goodbye at the end of each day before going home.

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Jackson

Roanoke Electric member

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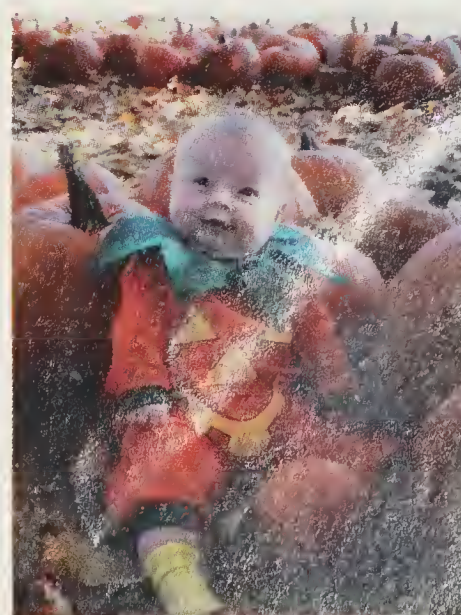
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Hope Arrowood, 3 months old, in the Pumpkin Patch at the Midway United Methodist Church in Davidson County. Her mother, Carla, says Hope was "the pick of the patch."



Why Can't You See Local Stations on Satellite TV?

Answers to questions about your satellite TV reception

By Michael E. Finney

Why can't you watch the local TV station's network broadcast through your satellite TV service?

Federal law says that satellite TV subscribers who live in an area served by a broadcast network affiliate TV station are not allowed to receive that particular station's signal via satellite TV.

For example: TV station WRAL-TV serves Raleigh and the surrounding area. WRAL is an affiliate of the CBS network. Therefore, satellite TV viewers in the Raleigh region are not allowed to receive a CBS broadcast via satellite.

What kind of law is that?

It's the "Satellite Home Viewer Act" (SHVA), the law that regulates delivery of broadcast networks to satellite TV subscribers. SHVA was originally intended to protect the copyright interests that the networks have in the programming they broadcast. Under SHVA, subscribers who are "served" by a broadcast network affiliate TV station are not allowed to receive that particular network's signal via satellite TV.

How do you know if you are served or not?

You might think it would be as simple as turning on your TV: If you could get a good picture, you would consider yourself "served" by the TV station that broadcasts the signal.

Unfortunately, SHVA doesn't work that way. In determining whether you are "served" or "unserved" by a particular network affiliate TV station, the SHVA uses the Federal Communications Commission's (FCC) predictions of signal strength from that TV station's transmitting tower.

How do the FCC "predictions" affect you?

If you are in an area that the FCC predicts can get a signal from a network affiliate TV station's transmitting tower, you are considered "served." This means you are not allowed to receive that network's signal via satellite.

If the FCC predicts that you are served by any:

- ABC affiliate TV station, you are not allowed to receive the ABC network via satellite.
- CBS affiliate TV station, you are not allowed to receive the CBS network via satellite.
- FOX affiliate TV station, you are not allowed to receive the FOX network via satellite.
- NBC affiliate TV station, you are not allowed to receive the NBC network via satellite.

Because SHVA uses the FCC's predictions of signal strength to determine who is "served" — rather than using actual measurements or the evaluation of actual viewers — this law often denies satellite-delivered network services to viewers who can't get a good signal any other way.

Why do the broadcasters care if you get networks on satellite TV?

Your local network affiliate TV station wants you to get your network signal only from them — and watch their commercials. They're afraid they'll lose advertising dollars if you're getting your network signals — by satellite — from another city's

TV station. If they lose their advertising dollars, your local TV station won't be able to provide free over-the-air television in your area.

What if you don't get a good picture from your local TV station?

A lot of people got satellite TV dishes because they couldn't get a good picture over-the-air from their local network affiliate TV stations. After all, if you could get a good picture over-the-air for free from your local station, why would you pay good money to get it on satellite TV?

Unfortunately, SHVA doesn't work that way. The law applies regardless of whether or not you can get a good signal over-the-air.

Why isn't Congress doing something about this?

There are bills in Congress to address this issue.

Your representatives in Washington may tell you that the problem of network access will be solved by the bills that have been introduced.

The problem is — despite the best intentions of Congress — none of these bills will improve your ability to receive a quality local signal via satellite. None of these bills allows you the choice of getting satellite-delivered network signals. None of these bills will allow you to keep your network signals if you are found ineligible under the SHVA. None of these bills guarantees that you will ever receive a local signal via satellite.

So what is the solution?

The network access problem for satellite TV subscribers is complicated. Fortunately, the answer is simple. It's called "local-into-local."

Local-into-local is a term that describes a technology — available today — that can take your local TV station's signal, beam it up to a satellite, and then beam it back to your home as a crystal-clear digital satellite TV signal.

Everybody wins: Your local TV station keeps receiving the advertising revenue that supports free local broadcasting in your area. You get local news, weather, and sports — in addition to network programming from ABC, CBS, FOX and NBC.





So what's the problem?

The problem is, "the beam follows the bucks." The satellite industry and big network affiliate TV stations don't think there's any money to be made beaming "local-into-local" service down to the small, rural or less populated areas. Instead, they plan to provide local-into-local service only to the big cities where there are big bucks to be made.

Because "the beam follows the bucks," half the country will be left in the dark (and that includes you).

How can we get "local-into-local" for everyone?

Congress must require that the satellite and broadcast industries work together to provide every home in America with local-into-local service. (Right now, Congress is considering a bill that allows "local-into-local" service but does not require it.)

What should you do?

If you want "local-into-local," you must tell your representatives in Washington now.

To make it easy for you to voice your opinion, the National Rural Telecommunications Cooperative has set up a toll-free "TV ACCESS NOW" hotline: 1-877-703-0849.

When you call, NRTC will listen to your concerns, explain some options to you, and — if you like — connect you to your representative's office at no charge.

For more information

For regular updates on our efforts at securing local TV services for satellite TV subscribers, please visit the "TV ACCESS NOW" Web site at: www.tvaccessnow.com



Michael E. Finney is on the board of directors of the National Rural Telecommunications Cooperative, which includes nearly 900 rural utilities and affiliated organizations serving 48 states. He is also executive vice president of Halifax Electric Membership Corporation in Enfield, N.C.

Radio series focuses on regional books

I want to alert Carolina Country readers to an upcoming series on National Public Radio. It will air at 6 p.m. on Sundays from Oct. 3 through Dec. 6.

The program is on books important in the southeastern states of North Carolina, South Carolina, Georgia, Virginia and Florida. The series is sponsored by the American Library Association. Participating libraries in the region will have free discussion guides for individuals and book groups. Barnes & Noble is also a contributor.

There will be studio guests, readings, visits by authors, and call-ins from listeners. The 13 books to be discussed, in sequence, are: "Living Stories of the Cherokee" by Barbara Duncan (editor), "Tales of the South" by William Gilmore Simms, "Narrative of the Life of Frederick Douglass, An America Slave, Written by Himself," "Slaves in the Family" by Edward Ball, "Look Homeward, Angel" by Thomas Wolfe, "Cold Mountain" by Charles Frazier, "A Good Man Is Hard to Find" by Flannery O'Connor, "Their Eyes Were Watching God," by Zora Neale Hurston, "Rich in Love" by Josephine Humphreys, "Fair and Tender Ladies" by Lee Smith, "The Floatplane Notebooks" by Clyde Edgerton, "Clear Pictures" by Reynolds Price, and "The Color Purple" by Alice Walker.

Doris Betts

University of North Carolina
Chapel Hill

Emmy Lou's "Stranger"

Buddy Zincone, a bluegrass music fan, replied to a query from Lucy Epley, who was looking for the words and music to a song ["Commentary," Sept. 1999]. Mr. Zincone identified the song as "The Wayfaring Stranger," which was recorded by several artists. He prefers the 1987 recording by Emmy Lou Harris on the album "Roses in the Snow." The album is still available.

Mr. Zincone sent his Internet home page address: <http://www.angelfire.com/nc/bgrassnut/index.html>

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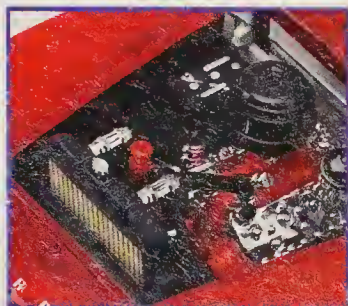
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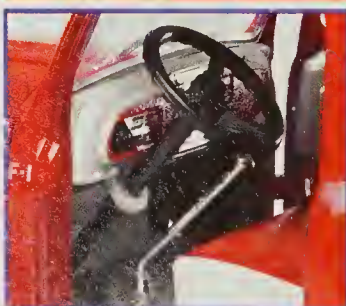
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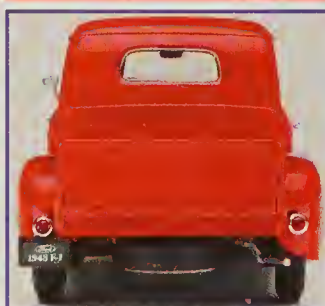
The engine is an exact replica including a fan belt and mesh radiator cover!

Loaded with Detail



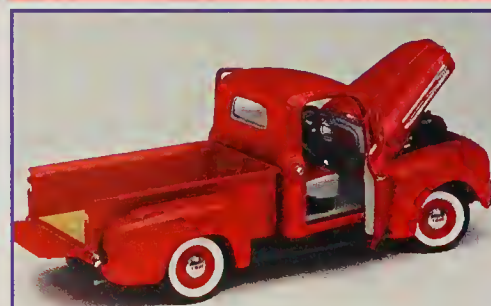
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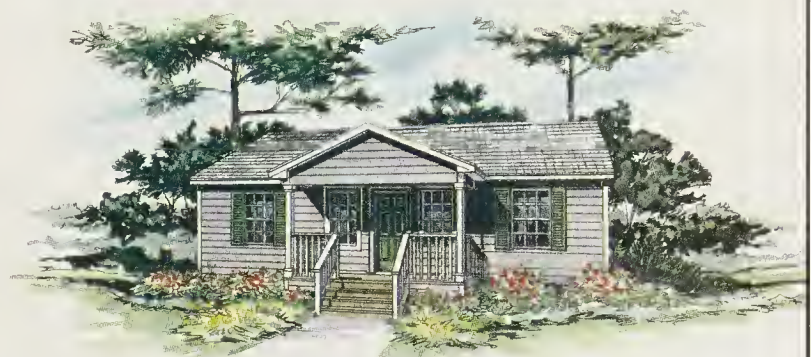
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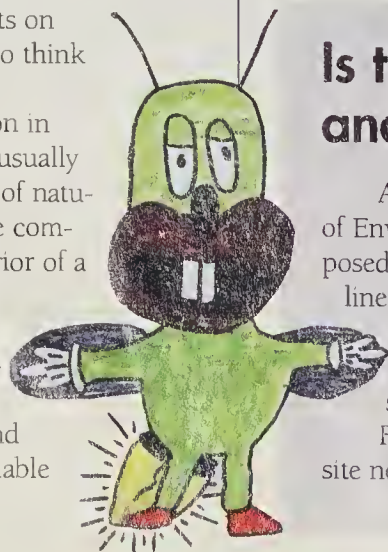
Mr. Lighting says

Did your father complain about leaving lights on when they weren't needed?

He was right. There's no doubt that electric lights are extremely efficient and give-off a lot of illumination for very little cost. But as with all appliances, using lights efficiently does make a difference in your energy consumption. All those burning bulbs add up!

You can use super-efficient compact fluorescent lights and other new options, such as dimmers, timers and sensors to ensure you're using only as much light as you need, and only when you need it. Dimmers save energy and extend the life of bulbs. Easy-to-operate timers make it simple to turn your lights on and off without having to think about it.

Sensor lights turn on in response to conditions, usually motion or the dimming of natural light. These lights are commonly used on the exterior of a home, where they play important roles in providing safety and security as well as efficiency. But there are motion- and photo-sensor lights available for indoor use, too.



permanent home at the Raleigh Entertainment and Sports Arena next to Carter-Finley Stadium. Bowl and concourse signage in the new arena also will sport the Touchstone Energy logo.

Tickets to the team's season were scheduled to go on sale Sept. 25, and may be ordered by phone or purchased at any of the following TicketMaster locations: in Charlotte (704-522-6500), in Greensboro (336-852-1100), in Raleigh (919-834-4000), in South Carolina (864-233-2525), and in Winston-Salem (336-722-6400).

The 'Canes home opener is set for Friday night, Oct. 29, against the New Jersey Devils.

The franchise completed its 19th season in the National Hockey League and its first in North Carolina during the 1997-98 season. Carolina finished the season with a 33-41-8 record, ranking sixth in the Northeast Division. The Hurricanes missed the playoffs after being eliminated on April 15 when the Ottawa Senators defeated the Florida Panthers to claim the eighth spot in the Eastern Conference. It marked the fourth season in a row that the club was eliminated in the final week of the season.

For a complete schedule and ticket information, call toll-free at 1-888-NHL-TIX1 (888-645-8491) or (919) 467-7825.

Or visit the Carolina Hurricanes Web site at www.caneshockey.com

Is there is link between disease and electric and magnetic fields?

After six years of Congressionally-mandated research, the National Institute of Environmental Health Sciences this summer released its report on the supposed disease risk posed by electric and magnetic fields (EMF) around power lines. The report concludes that evidence of such a link is "weak."

The report applies to the extremely low frequency electric and magnetic fields surrounding both the big power lines that distribute power and the smaller but closer electric lines in homes and appliances.

For details see the North Carolina Electric Membership Corporation Web site news at www.ncemcs.com

Hurricane Dennis churned up the Carolina coast and caused inland flooding

Hurricane Dennis lashed the North Carolina coast during the week before Labor Day, cutting communication and transportation to and from Hatteras Island, causing power outages, and forcing many late-summer tourists to leave.



Scenes from Ocracoke, Aug. 31.

Then as the holiday weekend approached, the contrary storm headed back inland and slowly moved north out of the state on Labor Day.

Its timing brought back memories on the coast of Hurricane Bonnie exactly a year before, and of Hurricane Fran which turned inland in 1996.

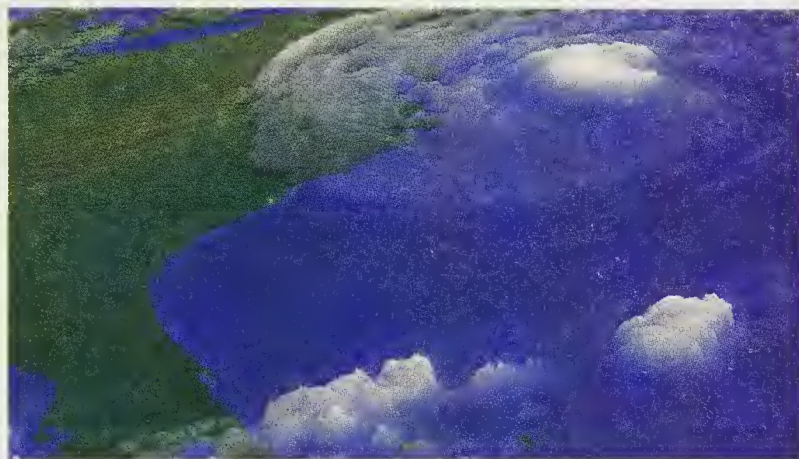
Dennis neared the South Carolina and North Carolina coasts early on Aug. 30. Soon after, evacuation orders were issued for some island communities. The storm slowly moved up the coast and stalled Sept. 1 as a tropical storm about 100 miles southeast of Cape Hatteras, where it continued to send high wind and tides onto barrier islands.

Winds of up to 100 mph caused damage to portions of electric co-op systems in coastal counties from Brunswick County into Currituck County. During the week, nearly 25,000 co-op households and businesses lost power for periods that ranged from a few hours to about two days. At the peak, about 6,000 electric co-op consumer-members were without power.

Electric cooperatives serve all the coastal counties except New Hanover. Those most affected were systems operated by Brunswick EMC, Four County EMC, Carteret-Craven Electric, Harkers Island EMC, Tideland EMC, Cape Hatteras EMC and Edgecombe-Martin County EMC, with minor damage sustained in areas served by South River EMC, Lumbee River EMC and Tri-County EMC. As soon as safety was assured, repair crews from neighboring cooperatives were dispatched to help the coastal co-ops restore power.

Power to Ocracoke Island (served by Tideland EMC) was cut because of damage to an underwater cable on the southern tip of Hatteras Island. Power had been restored by Sept. 2. A 3-megawatt diesel generator owned by the North Carolina Electric Membership Corporation (NCEMC) went online Aug. 31 to supply electricity. The Ocracoke generator was started with the assistance of ham radio operators, who provided a telephone patch to NCEMC headquarters in Raleigh. Normally used during times of peak electricity demand, the generator operation was supervised by NCEMC's Allen Clendenin, who was transported to the island by a National Guard helicopter. The same helicopter placed electric cooperative line crews onto the island to repair lines and equipment.

Randy Jordan, a Hatteras Island resident who is superintendent of NCEMC's generators in Buxton and Ocracoke, observed, "Like fish and house guests, a hurricane begins to stink after three days."



Hurricane Dennis as seen by satellite on the morning of Sept. 1. (Courtesy of NASA Goddard Space Flight Center)

Ocean and sand overwash on Hatteras Island's Hwy. 12 cut off residents there until Sept. 2. Cape Hatteras Electric Cooperative general manager Jim Sherfey reported severe road damage and potholes up to four feet deep in places.

The primary transmission line that serves the island remained intact and energized, Sherfey said, but high winds and flooding damaged distribution lines connected to the homes and businesses, including some poles that withstood continual pounding by the ocean surf. The day after Labor Day, eight 5-ton trucks and three military vehicles were used to transport 200 children across the washed out area to Hatteras Island School.

Vehicles and crews from Edgecombe-Martin County EMC (Tarboro) and Roanoke Electric Cooperative (Rich Square) set up emergency repair operations in the town of Salvo. Crews from Pitt & Greene EMC (Farmville) were airlifted to Hatteras Island. The crews were able to work immediately, because electric cooperatives use the standardized lines, poles and distribution standards.

As a powerful tropical storm, Dennis came ashore Saturday, Sept. 4 at Cape Lookout, pushing several feet of flood water across Pamlico Sound and up coastal rivers. On Sunday, flood damage in the eastern part of the state was apparent. Pamlico, Craven, Carteret and Beaufort counties were the hardest hit. Long-time Pamlico County residents said they had never seen flooding as bad as this storm brought. Crews from EnergyUnited, Wake EMC and South River EMC headed east to help the Carteret-Craven Electric linemen.

Your guide to...

Energy-efficient appliances

The new "Consumer Guide to Home Energy Savings" published by the American Council for an Energy-Efficient Economy can help you find energy-saving products and maximize energy savings.

The ACEEE sorted through the thousands of major home appliances and heating and cooling systems on the market and picked out those it considers the most efficient. Also included are tips on operating new and existing appliances to reduce energy use and improve performance.

The guide includes an annual listing of the council's top-rated residential equipment on the U.S. market. It costs \$8.85. Also available are guides to office equipment and vehicles.

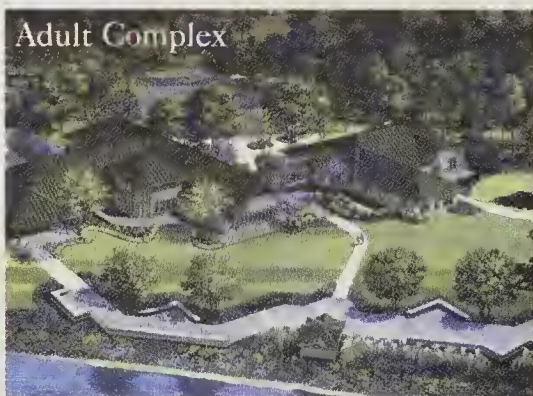
For more information, contact the American Council for an Energy-Efficient Economy, 1001 Connecticut Avenue NW, Suite 801, Washington, DC 20036. Phone: (202) 429-0063.

The Web site is at www.aceee.org/consumerguide



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The Tobacco Patch Kid

My granddaughter, Wanagie Israel.

Elise Israel

Candler

Haywood EMC member

Congratulations to the photographers whose pictures are displayed here. They show how big, beautiful and good-humored North Carolina can be, as well as how much we all love it here.

Thanks to everyone who sent in photographs for this month's feature. See page 16 for the remaining themes of 1999.



The Goldston "B" Junior Midgets

Here are four of the team members pausing for a photo after one of the boys hit a home run. Coach Everett Johnson had lots of patience as he taught these 5- and 6-year-olds playing coach-pitch baseball for the first time. The little guys and girls on the team tried so hard the whole season and were always there to cheer each other on or cheer each other up. Our son Maverick, who played on this team, may not remember if they won or lost, but he will remember his very first baseball season, and his very first home run. Here he is (far right) in the dugout with three of his friends after he hit that first home run. Left to right: Kyle Leach, Wesley Degraffenreidt, Dorie DiBenedetto and Maverick Gunter.

Jill H. Gunter

Bear Creek

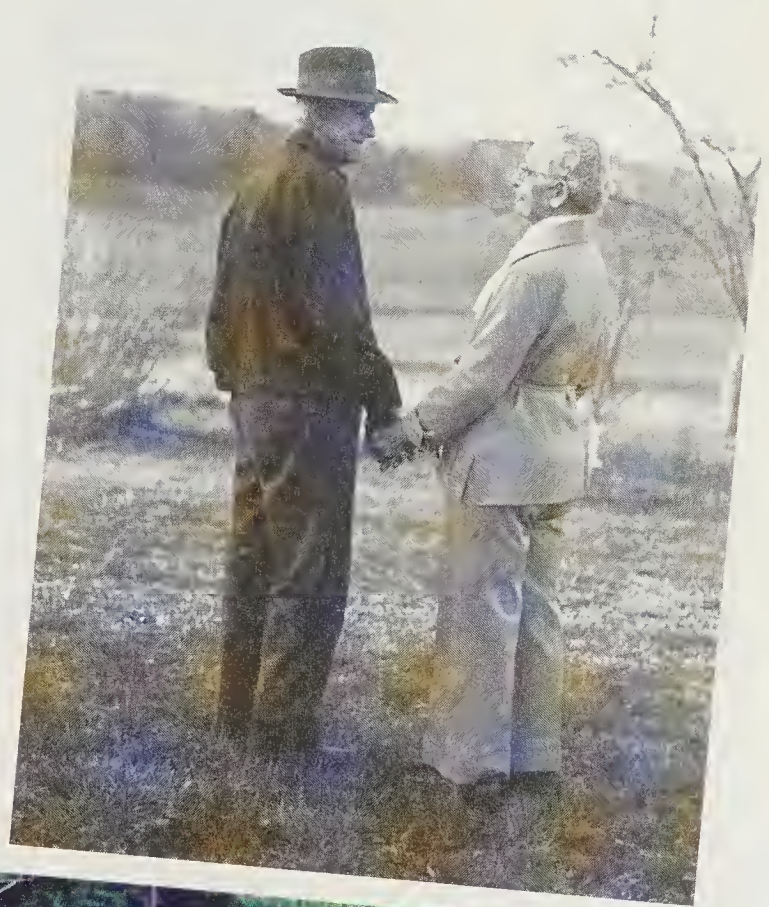
Randolph EMC member

Photos

The Farmer and His Wife

Grandma and Grandpa were simply beautiful people and a legacy to a nearly bygone group of people: the farmer and his wife. While Grandpa was out plowing fields, Grandma was inside sewing clothes. While Grandpa was out tending cows, Grandma was inside making homemade biscuits and pies. While Grandpa was on the front porch in his rocking chair, Grandma was inside rocking a baby in her rocking chair. Pretty much where you saw one, the other was nearby. They were a support to each other even until the end. I am very thankful that I had the chance to sit on my Grandpa's lap and pull his old gold pocketwatch worn smooth out of the chest pocket of his overalls just to hear it tick. I am very thankful that I had the chance to be hugged and loved by such a gracious Grandma.

Tracy W. Williams
Oakboro
Union EMC member



Hay!

If you came through Mocksville on Hwy. 601 North, just inside the city limits, you might have done a double take, too. This half of a man got caught up in a bale of hay. It makes you wonder where the other half is, doesn't it?

Jr. Waller
Mocksville
EnergyUnited member



Miller's Farm

Shirley A. Brutko
Kings Mountain
Rutherford EMC member



Shed at Crowders Mountain in Gaston County

Joseph Boyles
Gastonia



Moving the Cape Hatteras Lighthouse

My grandson, Joe Tripp, took this photo of his fiancée, Sheila Register, on their trip to the Outer Banks earlier this year. Joe is in his fourth year at the East Carolina University School of Medicine in Greenville. Sheila is a registered nurse at Pitt Memorial Hospital. My daughter, Linda, and son-in-law Gilbert Tripp are members of Tideland EMC.

Mrs. L.B. Elliott
Hertford



Branson Coltrane

Branson Coltrane tells what it is like to be a dairy farmer. Along with other family members, he owns and runs Coltrane Dairy Farm of Pleasant Garden in Guilford County.

*Summer Hogan
Chapel Hill
Piedmont EMC member*



So That's Where Babies Come From!

Abigail Shepherd photographed in a Surry County cabbage field in Beulah.

*Doug and Bethany Sheperd
Dobson
Surry-Yadkin EMC member*



Sunrise

Pungo Creek, Belhaven.

*Leigh Smith
Belhaven
Tideland EMC member*

Last Chance (Maybe) to Earn \$50

Next month, Carolina Country will publish your stories and pictures of "My Favorite Holiday Memory." The deadline for submissions was Sept. 15.

There's still time for you to send us entries for the December magazine's theme: "My Advice for the Year 2000." The deadline is Oct. 15.

We at Carolina Country are trying to decide whether to continue this "Nothing Could Be Finer Series" next year. Let us know what you think. Some of you already have sent in ideas for themes.

The Rules

1. Approximately 200 words or less.
2. Only one entry per household per month.
3. Typed or e-mail, if possible. Otherwise, make it legible.
4. Include your name, mailing address, electric co-op, and phone number.
5. If you want your entry returned, please include a self-addressed, stamped envelope. (We will not return others.)
6. We pay \$50 for each submission published in this series.
7. Send to Nothing Finer, Carolina Country, 3400 Sumner Blvd., Raleigh, NC 27616. Or by e-mail: carolina.country@ncemcs.com

The Bob Timberlake® 2000 Calendar

In celebration of 30 years of fine art **The Bob Timberlake Gallery** is pleased to present the new **Bob Timberlake 2000 Calendar**. Each month is highlighted by a large, seasonal painting by Bob Timberlake, beautifully reproduced in full color. Bob also shares some of his favorite family photos, memories and quotations.

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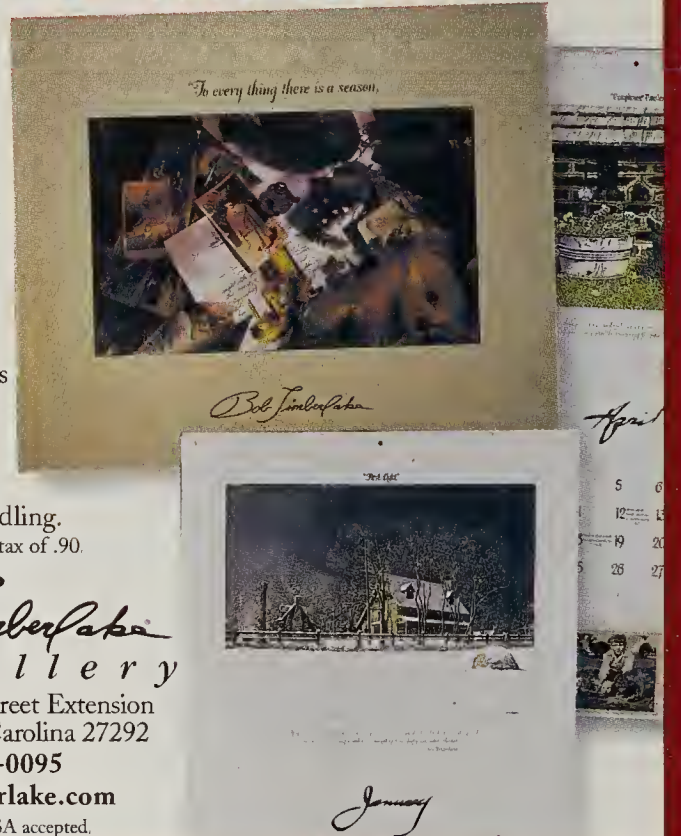
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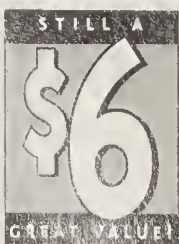
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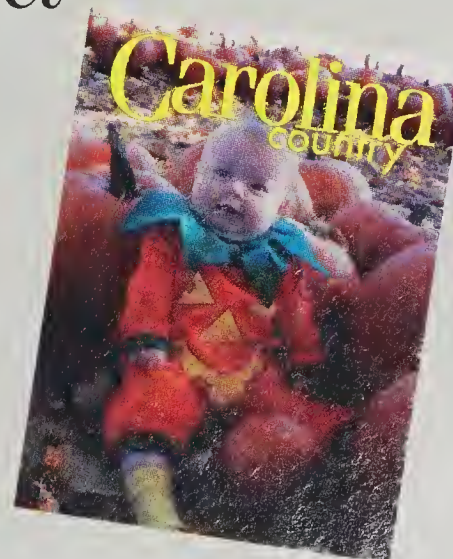
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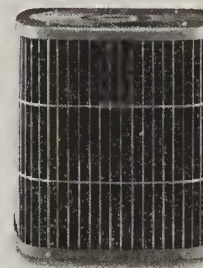
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Moses Cone Estate grounds look sharp this fall

The famous wooden balustrade at the entrance to the Moses Cone Estate manor house in Blowing Rock will be restored by early fall. The restoration was made possible thanks to a recent fundraising event sponsored by the Chetola Resort, Blue Ridge Electric Membership Corporation, Blowing Rock Historical Society, Le Blue Bottling Company and the Blue Ridge Parkway Foundation that netted more than \$8,000 for the project.

Moses Cone, "the Denim King," built Cone Manor around the turn of the century and became one of the state's major philanthropists. Today, this 3,600-acre "mansion in the mountains" is a valuable national treasure with over 25 miles of hiking and horse trails, a carriage house, apple barn and fire tower.

The Blue Ridge Parkway Foundation, the supporting foundation of the Blue Ridge Parkway, which is responsible for this project, operates through a cooperative agreement with the National Park Service. The Foundation helps fund those projects and programs that have a lasting value and enhance the quality of life of the Parkway visitor. The Foundation can be reached at (336) 721-0260, PO Box 10427 - Salem Station, Winston-Salem, NC 27108 or through its Web site at www.brpfoundation.org.

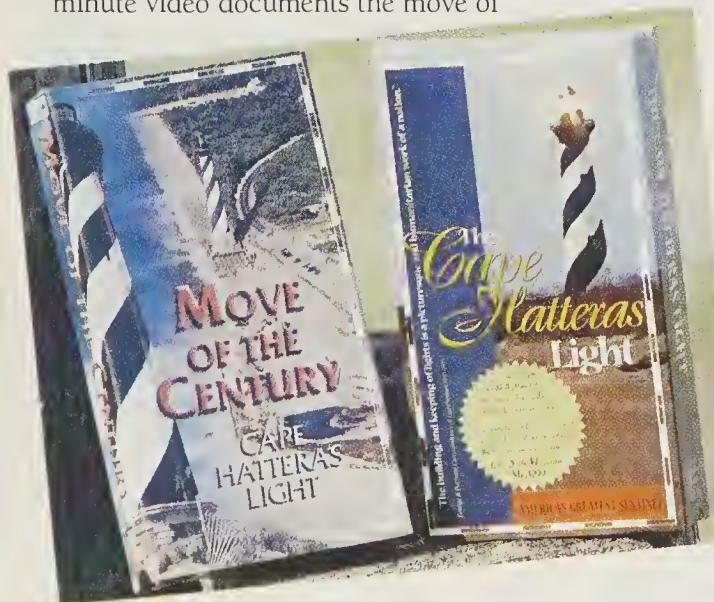


photo by Robert H. Shore

The Rev. J.C. Jones of Boone often rides the carriage trails found on the Cone Estate.

Video documentary showcases the historic Cape Hatteras Lighthouse move

"Move of the Century – Cape Hatteras Light," a companion video to last year's "The Cape Hatteras Light – America's Greatest Sentinel," tells the story of how the lighthouse recently was saved from the encroaching ocean. The 60-minute video documents the move of



the 9.6 million-pound tower to a safer location 2,900 feet back from the shore.

The documentary also delves into the history of the lighthouse, telling why an event in 1878 foreshadowed the structure's move more than a century later. And computer animation shows how the N.C. coastline has changed since 1850.

Produced by Video Marketing Group Inc., of Raleigh, the video sells for \$19.95 plus shipping and handling. The original video, "The Cape Hatteras Light," sells for \$24.95. Both videos can be ordered for \$39.95 plus \$4 shipping and handling. The company will also donate 15 percent of the proceeds from the sales to Eastern National Parks & Monuments for the restoration and preservation of the Cape Hatteras Light Station.

Contact Video Marketing Group at (800) 647-3536.

Western Piedmont landscaping workshops run year-round

Mecklenburg County sponsors P.L.A.N.T. workshops year-round at locations throughout the county. The four-hour workshops offer environmentally friendly methods for designing and maintaining your yard. P.L.A.N.T. stands for Piedmont Landscaping And Naturescaping Training.

Each workshop includes information on composting, grass types and management, Southern landscaping (best water practices, using drought resistant and native plants, mulching, groundcovers), toxicity reduction (proper use, storage and disposal of chemicals), soil testing and landscape diversification.

Preregistration is required as class size is limited. Each workshop includes a \$10 materials fee. Call (704) 336-5359 or visit the Web site www.co.mecklenburg.nc.us/coeng.

Ashe County color by bus

If your group is interested in "the natural choice" of Ashe County's mountains, rivers and communities this fall, try a bus tour by Lost Province Tours. An approved local resident who knows the place will show you the famous frescoes, cheese factory, Christmas tree farms, mountain inns, Blue Ridge Parkway, New River scenics, craft and art studios, country music and country cooking of this northwestern North Carolina gem. Call Lost Province Tours, P.O. Box 1498, West Jefferson, NC 28694 toll-free at 888-4480 or www.fastransit.net/ptours

Kid Stuff

Kids can be sailors for a day on Battleship North Carolina

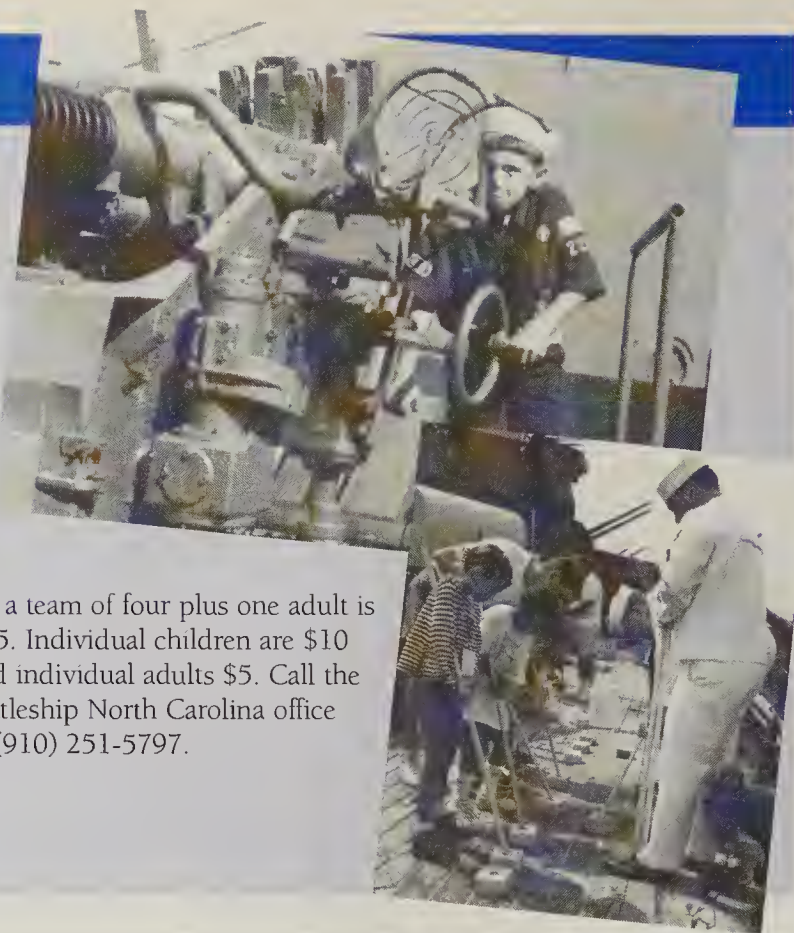
Charlie the Alligator, mascot for the Battleship North Carolina, invites all kids ages 6 through 12 to become a sailor for a day Oct. 16 from 10 a.m. to 2 p.m. Activities are scheduled both on the ship and on the battleship grounds.

Teams of four children plus one adult will be escorted onto the battleship by a Hoggard High School NJROTC volunteer. On board, the teams will participate in sailor activities such as tying a square knot, holystoning the deck, aiming the 20-mm guns, participating in a general quarter's drill and going through the mess line to receive prizes. Each child will receive dog tags, a white sailor hat and a certificate of achievement.

Interactive activities will be offered on the ship grounds with area military personnel, police and the Red Cross. The Wilmington Children's Museum will sponsor boat activities.

Reservations are required. Participation is limited to 300 children. At least one adult must accompany each team. Cost

for a team of four plus one adult is \$35. Individual children are \$10 and individual adults \$5. Call the Battleship North Carolina office at (910) 251-5797.



Reach out and buy a gift for someone

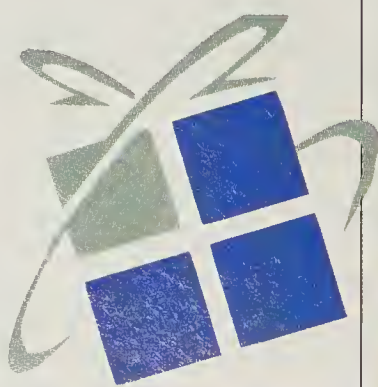
Durham-based NetGift Registry launched an all-occasion gift registry network on the Internet in September.

The idea behind the on-line gift registry is this: "People can stay on top of the gift preferences of long-distance friends and family for birthdays, graduations, major holidays, weddings, baby showers, house and apartment warmings, the list goes on and on," according to the Web site's promotion.

Merchants can add the NetGift Registry Network to their own Web sites, people have access to hundreds of merchants and over 3 million gifts. If non-profit organizations put the NGR button on their Web site, a portion of the proceeds go to their cause, says NetGift.

A gift list doesn't necessarily have to detail specific gifts. People can create wish lists that detail hobbies (rockclimbing, reading), favorite charities, general hints, etc.

NetGift's corporate Web site is at www.netgift.com.



Boy Scouts spruce up museum grounds in Sampson County

Clinton resident and Scout Troop #80 member Daniel Johnson, a senior at Clinton High School, developed and directed a landscape plan as his Eagle Scout project. The lucky recipient of the project was the Sampson County History Museum in Clinton. Several local businesses donated equipment and material for the project, and Neill Westerbee of the N.C. Cooperative Extension Service provided professional plan development, including plant material selection and placement. The museum is located at 313 Lisbon Street, Clinton, and is open each Wednesday from 10 a.m. to 5 p.m.

Arts and Crafts Exhibits

"Monet to Moore" exhibit has first showing at the N.C. Museum of Art

The N.C. Museum of Art is the first U.S. stop on the international tour of the "Monet to Moore" exhibition, which features more than 50 works by many of the most popular artists of modern times. The exhibit is part of the Sara Lee Corporation collection.

"Monet to Moore" features French Impressionists Claude Monet, Camille Pissarro, Edgar Degas and Berthe Morisot, as well as the artists who followed them – Henri de Toulouse-Lautrec and Paul Gauguin. Twentieth Century artists represented include Henri Matisse, Pablo Picasso, Georges Braque, Marc Chagall, and sculpturers Alberto Giacometti and Henry Moore.

Exhibit admission is \$6 for adults, \$4 for per person in groups of 10 or more, free for museum members, student groups and children under 12. The exhibit is also free Friday evenings, 5 to 9 p.m. Call (919) 839-6262 or visit the Web site www2.ncsu.edu/ncma. The museum is located at 2110 Blue Ridge Road, Raleigh.



"The Russian Dancer," 1898-99, by Edward Degas.

52nd Southern Highlands Crafts Fair comes to Asheville

Since 1948, craftspeople across southern Appalachia have gathered twice a year to share their works at the Craft Fairs of Southern Highlands. The fall fair this year is Oct. 21-24 at the Asheville Civic Center. The fairs showcase members of the Southern highland Craft Guild, known for their excellence in design and craftsmanship. Heritage crafts, reflecting Appalachian traditions, as well as contemporary designs will be on display.

More than 165 craftspeople from the mountains of nine southern states will exhibit their wares. Visitors to the fair will also enjoy live regional music and craft demonstrations. The fair is open 10 a.m. to 6 p.m. Admission is \$5. Children under 12 are free when accompanied by an adult. Call the Southern Highland Craft Guild at the Folk Art Center at (828) 298-7928 or visit the Web site www.southernhighlandguild.org.



Old Salem sets the table for Presidential China exhibit

Through March 26, 2000, The Gallery at Old Salem is exhibiting the second largest collection of Presidential China (the White House holds the largest collection.) Each president who had an official china service is represented. The collection is from the private holdings of Set and Joan Momjian.

Changing patterns of the china reflect the tastes of presidents and first ladies from 1789-1999. In addition to the china, silver place settings, stemware, place cards once used for foreign dignitaries and heads of state and samples from Air Force One and the presidential yacht Sequoia are also featured in the exhibit.

The Gallery at Old Salem is located at 924 South Main St. in the Frank L. Horton Museum Center in Winston-Salem. Tickets for the exhibit only are \$7 for adults and \$4 for children. Admission to The Gallery is included in the admission for Old Salem. Call (888) 328-5361 or visit the Web site www.oldsalem.org.



Dinner platter from Rutherford B. Hayes administration.

World agricultural photo exhibit in Asheboro

The North Carolina Zoological Park, North Carolina Zoological Society and the Randolph Arts Guild are sponsoring a photography exhibit that documents the importance of healthy and sustainable world agriculture.

The exhibit runs through Oct. 5 at the Moring Center Gallery of the Randolph Arts Guild in Asheboro.

The exhibit features 60 photographs by Michael Ableman, a farmer, author, educator and photographer, who spent seven years seeking out cultures and individuals who grow food to support their communities while also caring for the land. The photographs are also featured in his book "From the Good Earth: A Celebration of Growing Food Around the World." A selection of traditional agricultural tools from around the world and a seed collection is also on display, as well as a video presentation.

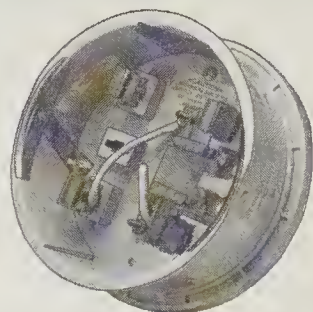
The Randolph Arts Guild is located at 123 Sunset Ave., Asheboro. Phone: (336) 629-0399.



Hoeing at Dusk, Ijenda, Burundi, by Michael Ableman.

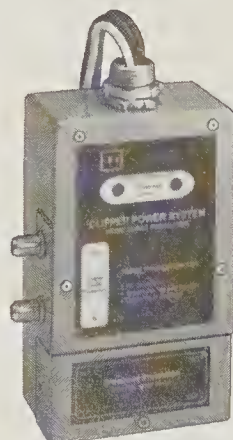
by James Dulley

Whole-house voltage surge suppressor options

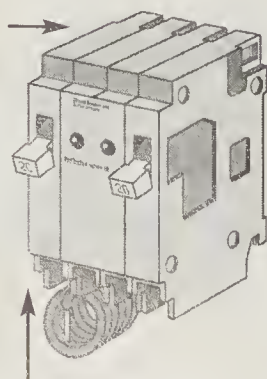


Mounts under electric meter to protect entire house - all electronics and appliances

Hangs under circuit breaker panel and also protects cable and telephones



Surge suppressor is built into circuit breaker



Replace existing breaker with one of these

How to choose surge suppressors

Today's homes have many devices and appliances that use sensitive solid-state components. In addition to the common electronic equipment such as VCRs, stereos, microwaves, computers and answering machines, most new major appliances (refrigerators, dishwashers, clothes dryers, etc.) have electronics that can be damaged by voltage surges.

Although you are not aware of it, there can be hundreds of very short duration 1,000-plus-volt surges in a typical home's wiring every day. The frequency and intensity of the surges depend on your specific location.

Your electric cooperative does everything it possibly can to minimize these voltage surges, but it is impossible to eliminate them. The source of the surges is not your co-op's generators.

Surges are usually caused by lightning or when electrical equipment, often large motors in nearby commercial businesses, switches off. They can even be generated inside your own home when your air conditioner compressor stops or you are running your dishwasher or clothes washer.

Although small plug-in surge arrestors help, they do not provide the best protection. Even if the voltage surges are not strong enough to destroy the electronic components, frequent smaller surges can slowly break down wiring insulation. This can cause premature device failure or just faulty operation. Microwave ovens have been known to start on their own. Your computer may get glitchy. Your telephone answering machine may miss messages.

A combination of a high-quality whole-house surge suppressor and small plug-in units (on sensitive electronics) provides the best protection. If you have a computer, VCR or any newer appliances, you should install a whole-house unit. It uses practically no electricity itself.

Several companies include a free \$10,000 damage warranty when you buy their whole-house units. If any of your major electric appliances are damaged by voltage surges, they will repair them for free up to a \$10,000 maximum.

There are three basic styles of whole-house surge suppressors that are commonly used. One design mounts on the circuit breaker box with wires (I use this type in my own home). Another design has the surge suppressor built into a snap-in circuit breaker. The third design, and often the

most powerful, mounts directly under the electric meter.

To understand how they work, think of a large "electric sponge." When a voltage surge hits, instead of burning out your equipment, the sponge (usually a metal oxide varistor or MOV) absorbs the energy. Since the surge is of very short duration, the sponge dries out and is ready for the next surge. A bigger sponge can absorb a bigger surge without being fried itself.

Be thorough when selecting a whole-house surge suppressor. There are significant differences in the level of protection of the many surge suppressor models available. You cannot judge its quality and level of protection by just looking at it or weighing it.

The key factors to consider are the strength of the surge current that it can dissipate without burning out itself, how fast it reacts, and the clamping voltage at which it begins to block the surge.

Compare the following specifications. The maximum surge current indicates the surge strength that it can withstand. A higher number is better. A reaction time of one nanosecond or less is adequate. A lower clamping voltage is better because it begins to block the surges while they are still small.

Some of the newest plug-in models also provide protection for your telephone and TV cable lines. Many computer and fax machine modems have been destroyed by surges through the telephone lines from a distant lightning strike. The input and output telephone and TV cable jacks are built into the unit.

For a buyer's guide of the 10 best whole-house and plug-in surge suppressors, designs, reaction times, maximum surge, clamping voltage and features, write for Update Bulletin No. 405 (or instantly download - www.dulley.com). Please include \$3.00 and a business-size SASE. Contact James Dulley, Carolina Country, P.O. Box 54987, Cincinnati, OH 45254.

©1999 by James Dulley, a syndicated columnist for the National Rural Electric Cooperative Association.

Editor's Note: Several North Carolina electric cooperatives sell or lease surge suppressors to their members. Call your local co-op for more information.

Put
your

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water to
the test

Stumbling half-asleep down a dark hallway in the wee hours of the morning, fumbling for a cup to fill with H₂O to wet your parched mouth and throat – do you stop to ponder the quality of the water you're about to drink? Most of us don't.

The water has been tested, right?

If your water is supplied by a town or is part of a managed community well system, yes, testing is done to ensure the water quality. But if a private well supplies your family with water, the testing is up to you.

According to Mitch Woodward, regional environmental specialist from the Wake County Cooperative Extension office, water quality across North Carolina is good, even in rural areas — despite the possibility of a lurking problem in groundwater under rural farmland treated with pesticides years ago.

"There have been broad surveys or assessments done across the state, and residual pesticides are of little concern," says Woodward. He explains that farm chemicals applied properly will degrade in the environment. There should not be a buildup in the soil. The soil acts as a large filter, he says. And sunlight and plants also help eliminate residual toxins. For still-wary private well owners, Woodward recommends a pesticide-screening test. These tests are available at most reputable water-testing labs.

And, says Woodward, "there is generally no concern as far as drinking water if you are on a municipal system [or a well-managed community system], because the testing and treatment are done for you."

But if you are maintaining a private well, several concerns must be addressed whether you are drilling a new well or maintaining one.

Location, location, location

A private well needs to be properly constructed, cased and located — no surface water should be able to get into or be in the vicinity of the well, says Woodward. "Some of the bad situations we see are associated with surface water coming into a depression where a well is located."

Avoid placing a new well in a depression or low area. Any kind of fecal matter, fertilizer or pesticide sprayed on the surface can run off during a rainstorm into the area of that well.

"And if the well is not properly cased or constructed, that water can run down the casing and into the bottom of the well, then get

sucked up into the well and contaminate it," says Woodward.

When building a new well, choices can be made about where to place it, with the help of professionals. A certified well driller can install a well properly. County health departments have a list of recommended well drillers, as well as fact sheets on private well systems.

If you are dealing with an existing well, problems with surface water can be fixed. "Keep surface water away from an established well," says Woodward. "If surface water is pooling during rain events around the well, that's a problem that can be fixed by redirecting the water — get the water to move away."

Protecting a private water supply

Keep contaminants away from sinkholes and the well itself

Periodically inspect exposed parts of the well for problems such as cracked, corroded or damaged well casing; broken or missing well cap; or settling and cracking of surface soils

Slope the area around the well to drain surface runoff away from the well

Install a well cap or sanitary seal to prevent unauthorized use of, or entry into, the well

Disinfect drinking water wells at least once per year with bleach or hypochlorite granules, according to the manufacturer's directions

Have the well tested once a year for coliform bacteria, nitrates and other possible concerns

Keep accurate records of any well maintenance, such as disinfection or sediment removal, that may require the use of chemicals in the well

Avoid mixing or using pesticides, herbicides, fertilizers, degreasers, fuels and other pollutants near the well

Do not cut off the well casing below the land surface

Pump and inspect septic systems as often as recommended by your local health department

Never dispose of hazardous materials in a septic system

Information provided by the U.S. Environmental Protection Agency

By Renee Gannon

Regrading the soil around the well to channel the water away is the main answer to a surface water problem, he says.

Wells must also be of sufficient depth. "Most contamination is associated with shallow wells," says Woodward. "In wells less than 30 feet deep, the contamination potential is much higher than with wells more than 30 feet deep."

The average depth necessary for a well depends on where in the state it's located. In the Coastal Plain, depth to groundwater can be as little as 1 to 5 feet. In the Piedmont, as little as 10 to 20 feet or as deep as 50 or more feet.

"The deeper a well is the better; but there is no blanket depth recommendation for the entire state," says Woodward. "The deeper you go, the more the water has been filtered naturally, especially if you get into an aquifer that may be thousands of years old."

Again, local health departments and experienced drillers have a good idea of the proper depth for their area.

Testing

Private well management does not stop at its construction or regrading. Water should be tested once a year. The local health department can do the testing. Most labs provide sample containers, so contact the health department before collecting samples. Collect the water in a clean, disinfected glass or plastic container. Follow lab instructions carefully so as not to re-infect the sample taken.

"The Number One item to test for is bacteria," says Woodward. "Nitrate contamination is the next big problem. And testing would indicate any type of fertilizer or manure that may be getting into the well."

The problems with bacteria and nitrate are relatively small, he says. Both would indicate surface water contamination. "Extensive surveys of well water across the state have tested for nitrate, and very few wells have tested higher than the drinking water limit of 10 parts per million," he adds. Those that did test high were connected with areas used for fertilizer mixing.

Besides bacteria and nitrate, testing should also look for lead, iron, hardness, pH, sulfate, total dissolved solids, corrosivity and other parameters, depending on proximity to potential contamination sources. All of these can be detected in one test.

"We tend to separate many of these between a health issue and a nuisance issue," says Woodward. "Nitrate, bacteria and lead are health issues. Iron, hard water, pH, sulfate and others are nuisance issues."

Solving problems

N.C. Cooperative Extension offices have fact sheets on private wells, water quality and how to correct any problems found.

"Many problems can be solved fairly easily," says Woodward. "The amount of water consumed is very small compared to the total amount of water used by a household. So you would really only be treating the water consumed for some problems, such as lead and metals."

Low-cost solutions include units on faucets (and possibly ice makers), or simply buying distilled water for consumption.

The cost and type of water system depends on the severity of the problem, how much money a person is willing to spend and how much water to be treated. "You can get by with a low cost system if only two gallons a day are treated," says Woodward. "But treating a thousand gallons a day will be much more expensive."

The best problem solver is soil – it is the best and cheapest filter made.

"Soil is nature's largest, most effective filtering device," says Woodward. "We need to use that soil as a filter to filter out any surface contaminants, bacteria, viruses, nutrients, and so on, to make sure those things stay up on top and not down in the well."

But if treatment is needed, systems include carbon filters, fiber filters, reverse osmosis units, distillation, neutralizers, chemical feed pumps, disinfection and softeners. The problem and the amount of water to be treated are the main considerations in choosing a treatment system. The treatment may be as involved as a whole house point-of-entry system used for volatile organic compounds or as inexpensive and simple as the pour-through carbon filter water pitchers. And with any home treatment unit, follow the manufacturer's directions for cleaning and maintenance of the device. A lack of maintenance could create more problems than the device solves.

If test results show the water is safe, but taste and odor are a nuisance, carbon filters are recommended.

For more information

Whether you are dependent on a municipal water source, a managed community well system or a private well, you can find out what's in the water (see sidebar).

Private well owners can contact their local County Extension office and health department for information and fact sheets pertaining to well maintenance and construction. Or visit the Cooperative Extension Web site at www.ces.ncsu.edu. Click on "County Centers" for the office nearest you. Also on the same main page, click on "Educational Resources," then "Water Quality and Waste Management" for fact sheets. U.S. Environmental Protection Agency (EPA) also has a safe drinking water hotline toll-free at (800) 426-4791 and a Web site at www.epa.gov/safewater/pwells1.html.

Municipal and community systems must supply water quality reports

Beginning this year, water providers for municipal water systems and managed community systems must provide quality reports to their customers, as required by the U.S. Environmental Protection Agency.

According to Johanna Reese, public information officer for the N.C. Division of Environmental Health, each report will contain the water system's violations in the past year, contaminants detected and the system's source of water (i.e., river reservoir, aquifer). The report must also list information phone numbers for consumers to call – both the system's number and the EPA Safe Drinking Water Hotline (800) 426-4791. The reports must be sent out to all eligible consumers by October.

Not everyone will receive a report in the mail. Depending on the size of the water system, the reports will be distributed in the following manner:

If a system has 10,000 or more customers, the report must be mailed to each and posted on the Internet.

If a system has 500 to 10,000 customers, the system may mail it to customers or publish the report in the newspaper and make it available to customers upon request.

If a system has less than 500 customers, the system must let customers know it's available and provide it as requested.

NOTE: Private well owners are responsible for testing their wells.

The U.S. EPA Web site covering drinking water safety is at www.epa.gov/safewater.

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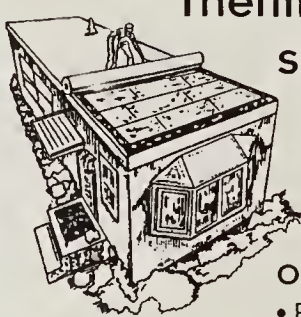
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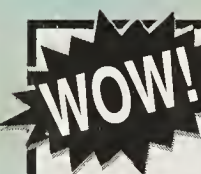
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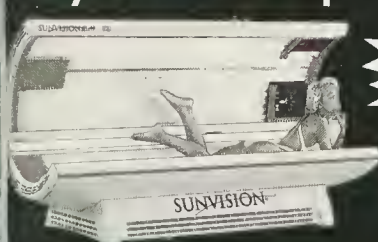
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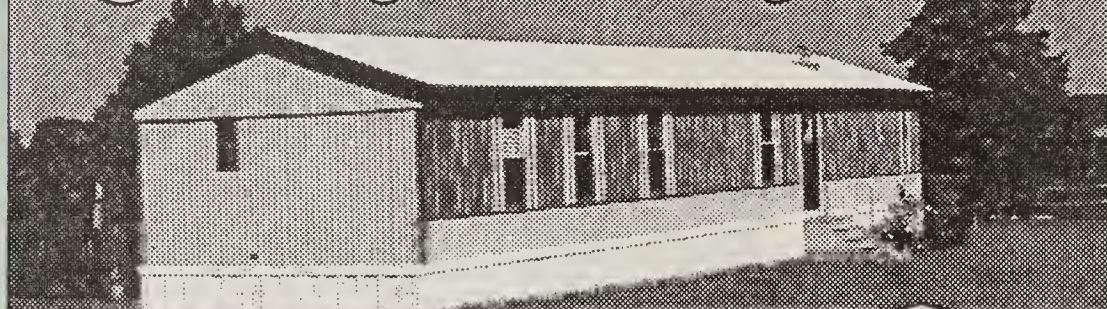
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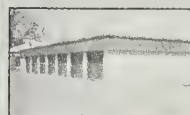
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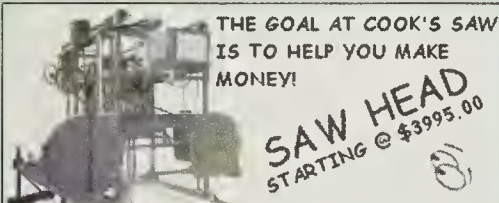
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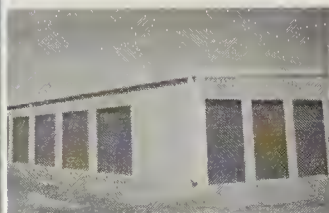
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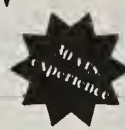
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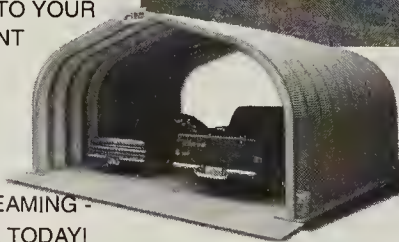


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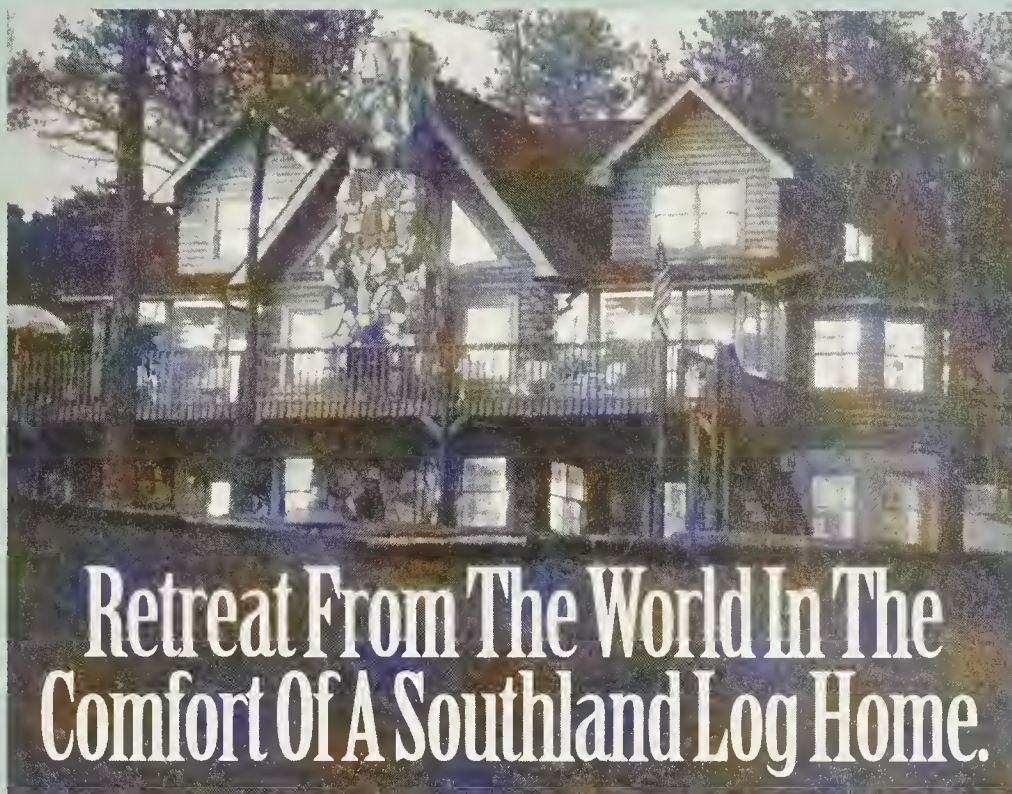
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Mountains

What	When	Town	Where	FYI	Contact
Piedmont Painters	Through Oct. 2	Lenoir	Caldwell Arts Council Gallery	Regional artists' art exhibit	(828) 754-2486
"A Little Night Music"	Through Oct. 10	Waynesville	Shelton House	Musical	(828) 456-6322
Thomas Wolfe Festival	Oct. 1-3	Asheville	Thomas Wolf Memorial	Celebrating Wolfe's life and work	(828) 253-8304
"Miracle Worker"	Oct. 1-3	Hayesville	Peacock Playhouse	Drama about Helen Keller	(828) 389-8632
Forest Festival Day	Oct. 2	Pisgah Forest	Cradle of Forestry		(828) 877-3130
Farm City Day	Oct. 2	Hendersonville	Jackson Park	10 a.m.-4 p.m., free	(828) 697-4884
Art in the Park	Oct. 2	Blowing Rock		10 a.m.-5 p.m., free	(828) 295-7851
Fall Arts & Crafts Show	Oct. 2	Canton	Audrey's Barn, Newfound Rd.		(828) 648-7925
Studio Hop Weekend	Oct. 2-3	West Jefferson	Ashe Arts Center & Y'Art Sale	Art studio tour and exhibit	(336) 246-ARTS
Blue Ridge Music Theatre	Oct. 2, 16 & 30	West Jefferson	Ashe Civic Center	Music, comedy, 7:30 p.m., \$10	(336) 246-4483
Martha Gimlin Solo Exhibit		Oct. 7-Nov. 19	West Jefferson	Ashe Arts Center	(336) 246-ARTS
Lake Eden Arts Festival	Oct. 8-10	Black Mountain	Camp Rockmount	Music, dance, arts, crafts	(828) 686-8742
Bethel Community Run	Oct. 9	Canton	Bethel School		(828) 648-7925
Love Valley Festival	Oct. 9	Love Valley		Crafts, food, entertainment	(336) 764-2220
Everything Fishy	Oct. 9	Pisgah Forest	Wildlife Education Center		(828) 877-4423
"Fond Farewell"	Oct. 9-10	Burnsville	McElroy House	Historic one-act play	(828) 682-3671
Arts & Crafts Show	Oct. 15-17, 22-24	Lake Junaluska	Fairgrounds	Arts, crafts, food, free	(828) 926-0761
Project Learning Tree	Oct. 16	Pisgah Forest	Wildlife Education Center		(828) 877-4423
Miniature Horse Race	Oct. 16	Taylorsville	Bryant Farm	1 p.m., free, rain date Oct. 23	(828) 632-3043
Comedy and Variety	Oct. 16	Sparta	Sparta Elementary Auditorium	Opry impersonators,	(336) 372-7284
Cabaret: Dinner & Show	Oct. 16	Asheville	First Christian Church	Music, \$15, 7 p.m.	(828) 274-9374
Apple Harvest Festival	Oct. 15-17	Hendersonville	The Rusty Bucket	Entertainment, 10 a.m.-4:30 p.m.	(828) 685-1923
Arts & Crafts Festival	Oct. 16-17	Maggie Valley	Community Center	Entertainment, 9 a.m.-4 p.m., free	(828) 926-8021
Craft Fair	Oct. 21-24	Asheville	Asheville Civic Center	Exhibits, demos, 10 a.m.-6 p.m.	(828) 298-7928
Fall Harvest Days	Oct. 22-24	Arden	Western NC Ag. Center	1,200 exhibits,	(828) 891-3223
Christmas Fair 1999	Oct. 22-23	Boone	Agricultural Conference Center	Demos, crafts, gifts, food	(828) 264-3061
Burnsville FallFest	Oct. 23	Burnsville		9 a.m.	(704) 826-8020
Turtle Talks	Oct. 23	Pisgah Forest	Wildlife Education Center		(828) 877-4423
Todd Wright Quartet	Oct. 23	West Jefferson	Ashe Civic Center	7:30 p.m., \$6 adults, \$3 students	(336) 246-ARTS
Nature Nuts - Bats	Oct. 27 or 28	Pisgah Forest	Wildlife Education Center		(828) 877-4423
Legend of Tommy Hodges	Oct. 29-30	Pisgah Forest	Cradle of Forestry	Outdoor Halloween drama	(828) 877-3130
Fall Classic	Oct. 30	Marion	McDowell Tech campus	Halloween-theme open car show	(828) 659-1428
Coin Club Show	Oct. 30	Statesville	National Guard Armory		(704) 873-8002
Animal Fiber Fair	Oct. 30-31	Asheville	Western NC Ag. Center	Exhibits, workshops, 9 a.m.-4 p.m.	(828) 891-2810

Piedmont

What	When	Town	Where	FYI	Contact
"Gold Fever"	Through Oct. 2	Charlotte	Discovery Place	Omnimax film about N.C. gold rush	(704) 372-6261
Fall Herb Festival	Oct. 1-2	Greensboro	Farmers Market		(336) 605-9157
Gold Fever Festival	Oct. 2	Charlotte	Downtown	Reed Gold Mine's 200th year	(800) 722-1994
SECCA Santa	Oct. 6-9	Winston-Salem	SECCA	Pre-holiday shopping, 40 vendors	(336) 722-6059
Antique Show and Sale	Oct. 8-10	Raleigh	WakeMed Medical Center	Furniture, jewelry, silver, paintings	(919) 231-4006
Steamfest	Oct. 9	Spencer	N.C. Transportation Museum		(704) 636-2889
Horseowners Clinic	Oct. 9	New Salem	New Salem Stables	Free to general public	(704) 821-4799
People Fest	Oct. 9	Wadesboro	Uptown	9 a.m.-5 p.m.	(704) 694-5381
Arts & Heritage Festival	Oct. 9	Wadesboro	Uptown	In conjunction with People Fest	(704) 694-4950
European Car Show	Oct. 9	Winston-Salem	Reynolda House	10 a.m.-4 p.m., free	(336) 725-5325
Pumpkin Festival	Oct. 9	Greensboro	Farmers Market	Contests, games, 10 a.m.-1 p.m.	(336) 605-9157
Alabama Concert	Oct. 9	Wadesboro	Anson High School stadium	Tickets cost \$25	(704) 694-5381
Cat Show	Oct. 9-10	Greensboro	Greensboro Coliseum	Southern regional quarterfinals	(336) 282-3089

Sunday for Kids	Oct. 10	Raleigh	WakeMed Medical Center	In conjunction with antique show, free	(919) 231-4006
Great Pumpkin Contest	Oct. 14	Raleigh	N.C. State Farmers Market		(919) 733-7417
WonderWalk	Oct. 14	Greensboro	Farmers Market	Day care walk for babies	(336) 723-4386
Quilt Fest	Oct. 15-17	Fayetteville	Kiwanis Recreation Center	Tarheel Quilters Guild	(910) 822-4834
Hotel of Horror	Oct. 15-31	Randleman	Beside Randleman Lumber Co.	Haunted house	(336) 629-4409
"Affections of May"	Oct. 15-31	Sanford	Temple Theatre	\$15 adult, \$6 children	(919) 774-4512
Antique Truck Show	Oct. 16	Spencer	N.C. Transportation Museum		(704) 636-2889
Singing on the Ground	Oct. 16	Wallburg	Amity Baptist Church	Fundraiser, concessions, auction	(336) 769-3847
Bel Canto Singers	Oct. 22	Winston-Salem	Reynolda House	Tribute to Robert Shaw (Concert)	(336) 725-5325
Fall Craft Fair	Oct. 22-24	Greensboro	Farmers Market	Regional craftsmen, in Farmers II shed	(336) 605-9157
Barbecue Festival	Oct. 23	Lexington	Uptown	Food, contests, music, fun	(336) 956-1880
Boo at the Zoo	Oct. 23-24	Asheboro	N.C. Zoological Park	Halloween carnival, 9 a.m.-5 p.m.	(336) 879-7202
Community Sing	Oct. 24	Gulf	Deep River Park	Music, old-time singing, 4 p.m.	(919) 898-4814
Native American Heritage	Oct. 25-30	Mt. Gilead	Town Creek Indian Mound	Heritage discussion	(910) 439-6802
Poe Reading	Oct. 28	Winston-Salem	Reynolda House	From "Tales of Edgar Allen Poe," \$3	(336) 725-5325
Mad Miner	Oct. 29-30	Stanfield	Reed Gold Mine	Haunted mine, hayrides, stories	(704) 721-4653
Gem & Mineral Show	Oct. 29-31	Greensboro	Greensboro Coliseum	Free with canned food donation	(336) 668-2081
Great Pumpkin Hunt	Oct. 30	Greensboro	Farmers Market	Trick-or-treat festivities, 5-8 p.m.	(336) 605-9157
Horse and Mule Day	Oct. 30	Denton	Denton FarmPark	Rides, music, crafts	(336) 859-2755

Coast

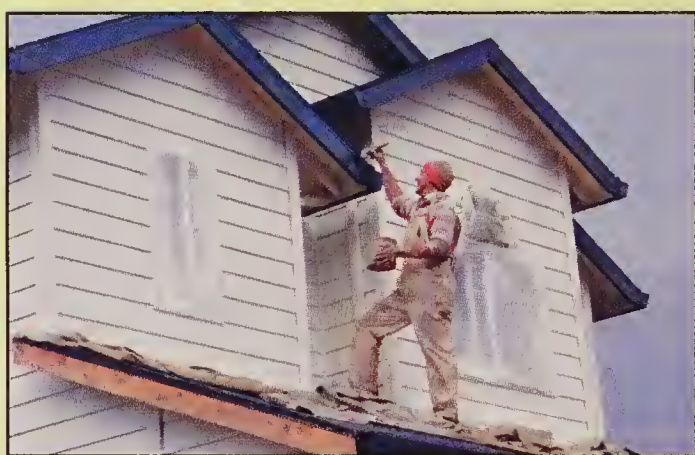
What	When	Town	Where	Fee	Contact
Landmark Competition	Through Oct. 9	Elizabeth City	Arts Council Gallery	Free to the public	(252) 338-6455
Blooms, Birds and Boats	Through Oct. 10	Beaufort	N.C. Maritime Museum	Exhibit of local artist Carolyn Hoss	(252) 728-7317
Queen Anne's Revenge	Through Oct. 13	Windsor	Hope Plantation	Exhibit about Blackbeard's ship	(252) 794-3140
Freddy Cole	Oct. 1	Elizabeth City	COA Auditorium	Jazz and blues, 7:30 p.m.	(800) 335-9050
Fall Craft Show	Oct. 1-3	Elizabeth City	Southgate Mall	Free	(252) 338-2848
N.C. Swampfest	Oct. 2	Gates	Gates County High School	Music, crafts, kid stuff, 10 a.m.-10 p.m.	(252) 357-1963
Peanut Festival	Oct. 2	Edenton	John A. Holmes High School	Parade, festivities, 10 a.m.	(252) 482-3400
Stunt Kite Competition	Oct. 2-3	Nags Head	Kitty Hawk Kites	Kite displays, demos, clinics, free	(800) 334-4777
Greene County Ag Fest	Oct. 7-9	Snow Hill	Downtown, Southeast 3rd St.		(252) 747-5838
Civil War Reenactment	Oct. 8-10	White Oak	Harmony Hall	Battle reenactment and encampment	(910) 866-4844
MumFest '99	Oct. 8-10	New Bern	Downtown	Family festival, entertainment, crafts	(252) 638-5781
Airport Open House	Oct. 9	Aulander	Tri-County Airport	Airplane rides, games, 9 a.m.-6 p.m.	(252) 345-0111
Benefit for SMA	Oct. 9	Elizabeth City	Fun Junktion	8 a.m., free	(252) 337-6600
Dinner Show	Oct. 9 & 23	Rose Hill	Duplin Winery	Meal served at 7 p.m., show at 8 p.m.	(800) 774-9634
Ciampi String Quartet	Oct. 15	Oriental	Pamlico Co. Civic Center	A Pamlico Musical Society Concert	(252) 249-3079
Doll/Bear Show & Sale	Oct. 16	Greenville	National Guard Armory	10 a.m.-4 p.m.	(252) 746-4081
Shrimp Feast	Oct. 16	Edenton	American Legion Fairgrounds	\$15-20, all-you-can eat, music, raffle	(252) 482-8739
Hang Gliding Fall Classic	Oct. 16-17	Maple	Kitty Hawk Kites	Watch hang gliding free	(800) 334-4777
A Trio of Talent	Oct. 18-31	Elizabeth City	Arts Council Gallery	10 a.m.-5 p.m., Fri., 10-4 Sat., free	(252) 338-5489
Attics of Edenton	Oct. 23	Edenton	Parks & Recreation/Armory	Fundraiser, antique appraisal, sale	(252) 482-8005
Harry Belafonte Concert	Oct. 26	Oriental		Trip to Greenville	(252) 249-3079
Ghost Night Walk	Oct. 23-24	New Bern	New Bern Historical Society	Historic homes, cemetery, 1940s style	(252) 638-8558
Benefit Concert	Oct. 29	Edenton	Swain Auditorium	Fundraiser, 7 p.m.	(252) 482-3400
Scary Stories	Oct. 29	Beaufort	N.C. Maritime Museum	Legends and tales, reservations, 4 p.m.	(252) 728-7317
Historic Ghost Walk	Oct. 29-30	Elizabeth City	Starts downtown	Homes & cemetery, \$10, 5-9 p.m.	(888) 936-7387
The Diviners	Oct. 29-30	Elizabeth City	COA Auditorium	Drama about small town life.	(800) 335-9050
Craftsman's Fair	Oct. 29-31	Elizabeth City	Knobbs Creek Rec. Center	Juried demos, quality crafts	(252) 335-5082
Halloween Festival	Oct. 29-31	Wilmington	Poplar Grove Plantation		(910) 686-9518
Smoke on the Water	Oct. 30	Washington	Historic downtown	All-day festival, cooking contests	(252) 975-1691

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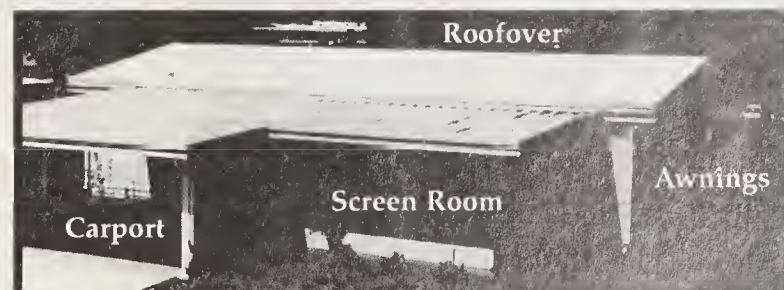
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Nippy nights should alert you to bring tender houseplants indoors for their protection

by Hank Smith

October reminders

1. Clean up vegetable garden by turning under or composting crop residue. This helps prevent insect and disease problems next spring. Soil turned now makes it possible to get crops in earlier in the spring.
2. Cool-season planting of trees and shrubs allows plants to establish root systems in new soil before summer arrives. There is less transplanting shock.
3. If freezing weather is predicted, give late-flowering chrysanthemums protection by covering plants with large cardboard boxes or clear plastic. Remove covers the next morning. It may be best to cut blooms you'd like to save.
4. Clean, oil and grease tools before putting them away for winter. Even if tools don't need any major work, clean off surfaces, and sharpen and oil when necessary.
5. Small-scale gardeners will find "pressed sawdust" logs sold for fireplaces yield great amounts of fine fluffy sawdust for mulching.
6. If your garden has good loamy soil that retains moisture, it is safe to set hardwood cuttings directly outdoors. Set 10 inches deep and 10 inches apart in a row. Pack soil around cuttings. They'll form roots in the spring and begin top growth.
7. Within the next few weeks, plant sweet peas. Give them the support of a fence or trellis. Work sterilized manure into planting trench.
8. Plan a fertilizer program as well as insect-disease control program for garden areas, lawn areas, trees and shrubs.
9. Planting too far into the ground sometimes is responsible for the poor performance of trees and shrubs. If soil is loamy and well drained, plants may eventually recover. In tight heavy soils, deep planting means almost certain death for most landscape plants.

Your soil

October alerts us to the arrival of planting time for woody-stemmed plants. Soil should be well prepared ahead of time to aid plants in adjusting to new homes. If not yet completed, soil tests are in order. Two factors determine healthy plant growth: proper soil and control of pests. Spring-flowering bulbs should be planted before November. If not yet completed: dig-divide-transplant any perennials that have become crowded and are beginning to decline.

Build upon rocks

Overall landscape design can be enhanced by addition of a rock garden. Select a site among trees and large shrubs as weeds and grasses have difficulty in growing in shade. Select native rocks for a natural appearance. Group to form interesting irregular angles as found in nature. Leave space between stones for small plants. Partially bury large rocks for a more natural appearance. Prepare planting pockets during construction; it may be difficult to prepare soil later. Avoid overplanting so maturing plants will not overpower stones; rather they should compliment them. Dwarf plants such as santolina, compact junipers, dwarf bamboo, sedums, dwarf nandina and Arabis are appropriate. Seasonal accents such as caladium, moss phlox, pansies, impatiens and spider lily (hurricane surprise) will add color at various seasons. Manmade accents such as sculpture, bird bath or a rustic bench can enhance the rock garden appeal. Don't overdo the accenting -- it requires a large rock garden to "carry" more than one accent piece.

Spider mites

Check ornamental plants for damage caused by spider mites. Damage appears as yellow- or gray-striped patterns on upper surfaces of leaves. Underside of leaves may have a fine silky webbing pattern across them. Apply a pesticide such as malathion or Sevin dust. On light infestations use insecticidal soap. Follow instructions on container. Repeat as necessary. Hosing foliage with a strong spray of water also helps reduce spider mite population.

Halloween and Thanksgiving pumpkins

Connecticut Field Pumpkin, chiefly used for decoration, is indifferent for cooking. Small Sugar Pumpkin, 3 to 5 pounds, is the best cooking variety. It is sweet and of fine texture. Pumpkins are closely related to squash. Their stems are hard, square and woody. They cannot stand freezing and should be harvested before heavy frost. Halloween pumpkins can be used again for Thanksgiving decorations.

Forced bulbs for Christmas gifts

Different flowering bulbs force at different rates. Figure at least 14 weeks for tulips, at least 16 weeks for daffodils, 10 to 14 weeks for hyacinths, 12 weeks for crocus, snowdrops, miniature iris and other small bulbs. Select the largest and healthiest bulbs available. With tulips and daffodils, buy bulbs that have been started commercially. Plant bulbs close together, almost touching. This creates a pot of ample flowers. Small bulbs, daffodils and irises can be planted in two layers. Select pots that are broader than tall so flowers won't tip over at blooming time. Be certain pot has good drainage. Use soil mix of equal parts potting soil, damp peat moss and Perlite. Add two parts of this mixture to one part coarse builder's sand or fine gravel. Mix in a small amount of complete readily available fertilizer. Plant bulbs so their noses stick above the soil line. Plant tulip bulbs with the flat side toward outside of the pot to keep stems toward the center of the pot. Press all bulbs firmly into soil mix. Keep pots in a cool, dark place (33 to 50 degrees F.) Keep pots in a closet or unheated room. Keep soil moist. When bulbs sprout, move pots to light with temperature no higher than 55 degrees F. A sunny window may have light supplemented by a table or floor lamp. Florescent light is near ideal. After bulbs come into bloom, place pots in a cool room at night to extend life of the flowers. After blooms fade, continue to water and apply liquid fertilizer. In the spring, plant outdoors. Most forced bulbs will rebloom in two to three years.



Try painting jack-o-lantern features with black washable Crayola markers. Halloween pumpkins can be used again for Thanksgiving decoration.

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AFFORDABLE HEALTH INSURANCE. \$20 doctor visits, \$10 drug card. Medicare supplements, also. 1-800-470-4415.

MORTGAGE FREE PROTECTION! Can your family pay the mortgage if you are deceased? Leave your family free and clear of debt! Low monthly cost! 1-800-484-1192, then press code 4429.

PPO Health Plans. \$10 - \$20 doctor visits. Prescription drug card. 1-800-252-6110.

LOW LOW COST TERM Life Insurance. Apply by telephone. 1-800-252-6110.

Real Estate

MOUNTAIN LAND in NC High Country - Boone, Blowing Rock, Banner Elk, Jefferson area. 1 to 100+ acres. Free list (800) 891-0954. Website: www.beechcreek.com. Beech Creek Realty.

Financial

HOMEOWNERS - Financial help for debt consolidation, refinancing, cash, foreclosure, bankruptcy, etc. Serious inquiries only please! Call "Janet" at 1-800-538-5388 (ID#128097).

SMALL BUSINESS - Government loans available nationwide! Satisfaction guaranteed! Call: 1-800-226-3601, ext. BF8830 - www.NationalInfocorp.com.

Travel

ADD AN EXTRA SPARKLE to your December activities by including "A Plantation Holiday" in your plans. Visit Iredell County plantations and enjoy traditional holiday season songs and dinner. For information call 1-888-551-0055.

Miscellaneous

PUT YOUR OLD HOME MOVIES or slides on videotape. Call for details 1-888-609-9778.

EASY LEGITIMATE homebased jobs. Great pay! 1-800-377-6000, ext. 8835,
www.WahEmpCenter.com.

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LIFETIME REMINDER MEMBERSHIP - Never forget anything again. Get a card sent to your mailbox 7-10 days before the event. Check us out - www.thehotpages.net/reminderr1836949.htm. MC/VISA 1-888-276-1614. Mail check/money order to: J & P Services, PO Box 2151, Fayetteville, NC 28302. Regular \$39.00/ea, save \$\$\$ thru Christmas 1999 - you and a friend 2/\$29.00/ea.

Percy O. Cassidy
"Would you like flies with that?"
Math Words
MURDER/A = SOLVE
241971/3 = 80657
Match Words
Pyramid 1
Wake
Onslow
Guilford
Washington
Transylvania
Mecklenburg
Pyramid 2
Lee
Swain
Madison
Brunswick

When a full schedule keeps you away from the kitchen, "slow-cooked" meals can still save the day. These moist rolls are especially nice served over rice or pasta.

Stuffed Chicken Rolls

- 6 large boneless skinless chicken breast halves
- 6 slices fully cooked ham
- 6 slices Swiss cheese
- ¼ cup all-purpose flour
- ¼ cup grated Parmesan cheese
- ½ teaspoon rubbed sage
- ¼ teaspoon paprika
- ¼ teaspoon pepper
- ¼ cup vegetable oil
- 1 can (10 ¾ ounces) condensed cream of chicken soup, undiluted
- ½ cup chicken broth
- chopped fresh parsley, optional

Flatten chicken to 1/8-inch thickness. Place ham and cheese on each breast. Roll up and tuck in ends; secure with a toothpick. Combine the flour, Parmesan cheese, sage, paprika and pepper; coat chicken on all sides. Cover and refrigerate for 1 hour.

In a large skillet, brown chicken in oil over medium-high heat. Transfer to a 5-quart slow cooker. Combine soup and broth; pour over chicken. Cover and cook on low for 4-5 hours. Remove toothpicks. Garnish with parsley if desired. Yield: 6 servings.



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For more Carolina Country recipes, visit Carolina Kitchen online: www.carolinacountry.com.

Let Us Entertain You!

OCTOBER

DAY	DATE	EVENT	BUILDING	DAY	DATE	EVENT	BUILDING
Fri	1	Indian Cultural Festival	AR	Sat	23	Grease On Ice	CL
Sat	2	Indian Cultural Festival	AR	Sat	23	Cathedrals Farewell Tour	AD
Sat	2	Gun & Knife Show	AE	Sat	23	Children's Sample Sales	AE
Sun	3	Gun & Knife Show	AE	Sun	24	Grease On Ice	CL
Sun	3	Royal Palace Circus	AR	Man	25	Children's Theater	AD
Fri	8	Family Motorcoach Association	TC	Mon	25	Farm Bureau Banquet	AE
Sat	9	Family Motorcoach Association	TC	Mon	25	Maritz Toyota Seminar	AE
Sun	10	Family Motorcoach Association	TC	Tues	26	Maritz Toyota Seminar	AE
Mon	11	Preseason Hockey: Force vs. Memphis	CL	Thurs	28	Hockey: Force vs. Macon	CL
Tues	12	Smokey Joe's Cafe - Broadway Series	AD	Thurs	28	ShowBlz '99	AE/HP
Tues	12	Freedom Blast Gospel Concert	AR	Fri	29	Children's Theater	AD
Thurs	14	Hockey: Force vs. Columbus	CL	Sat	30	Hockey: Force vs. Indianapolis	CL
Fri	15	Hockey: Force vs. Columbus	CL	Sat	30	Army Soldier Show	AD
Sat	16	WIDU 12th Gospel Anniversary Concert	AE/HP/CL	Sun	31	Gladys Knight & The Temptations	CL
Mon	18	NBA Game: Hornets vs. Rockets	CL	• CL-Crown Coliseum • AE-Expo Center			
Wed	20	Children's Theater	AD	• HP-Hospitality/Ballroom • AD-Auditorium • AR-Arena			
Fri	22	Grease On Ice	CL	• PL-Parking Lot • TC-Total Complex			
Event dates are subject to change. Call the Callseum Box Office to confirm dates and times.							

Event dates are subject to change.
Call the Coliseum Box Office to confirm dates and times.

For Tickets call the Coliseum Box Office 910-323-5088
or Ticketmaster 910-223-2900

Cumberland County Coliseum Complex

Crown Coliseum • Expo Center • Arena • Auditorium

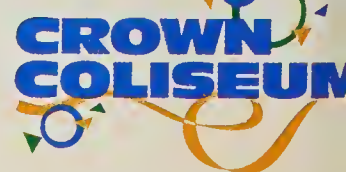
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**NBA PRESEASON
HORNETS
VS.
ROCKETS**
October 18

GREASE ON ICE
October 22-23

**GLADYS KNIGHT
&
THE TEMPTATIONS**
October 31





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DESIGN
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	Women's Sizes 6-10	6960	Black				<input type="checkbox"/> 2 pair deluxe \$26	
		6962	Brown				<input type="checkbox"/> 3 pair deluxe \$34	
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